IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: James S. Norris et al. Art Unit: 1633

Serial No.: 10/082,973 Examiner: Janet L. Epps-Ford

Filed: February 26, 2002 Conf. No.: 8113

Title : TISSUE-SPECIFIC AND TARGET RNA-SPECIFIC RIBOZYMES

Mail Stop Amendment

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

DECLARATION OF JAMES S. NORRIS UNDER 37 C.F.R. § 1.131

I, James S. Norris, hereby declare as follows:

- 1. I am an inventor of currently pending claims 39-55 of the abovereferenced patent application.
- 2. In an Office Action dated January 11, 2007, claims 39, 43-48, 50-51, and 53-55 were rejected under 35 U.S.C. § 102(a) as allegedly being anticipated by Norris *et al.* (WO98/24925).
 - 3. The Norris *et al.* reference lists its publication date as June 11, 1998.
- 4. Prior to June 11, 1998, and thus necessarily before the publication date of the Norris *et al.* reference, Gary A. Cławson, Michael G. Schmidt, Brian D. Hoel, Wei-Hua Pan, Joseph W. Dolan, and I worked together in this country to complete the conception of the invention recited in present claims 39, 43-48, 50-51, and 53-55 of the above-referenced patent application, and to reduce said invention to practice, as evidenced by a copy of pages from Ping Xin's laboratory notebook and pages from Shani Schalles' laboratory notebook, each produced under Gary A. Clawson's supervision, which is attached as Exhibit A. The pages include multiple examples of pCHOP

sequences. The dates on these pages, all of which are prior to June 11, 1998, have been blacked out.

5. Thereby declare that all statements made herein of my knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Date

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James S. Norris

Attorney's Docket No.: 14017-004002 / PSU 96-1566

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: James S. Norris et al. Art Unit: 1633

Serial No.: 10/082,973 Examiner: Janet L. Epps-Ford

Filed: February 26, 2002 Conf. No.: 8113

Title : TISSUE-SPECIFIC AND TARGET RNA-SPECIFIC RIBOZYMES

Mail Stop Amendment

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

DECLARATION OF GARY A. CLAWSON UNDER 37 C.F.R. § 1.131

I, Gary A. Clawson, hereby declare as follows:

- 1. I am an inventor of currently pending claims 39-55 of the above-referenced patent application.
- 2. In an Office Action dated January 11, 2007, claims 39, 43-48, 50-51, and 53-55 were rejected under 35 U.S.C. § 102(a) as allegedly being anticipated by Norris *et al.* (WO98/24925).
 - 3. The Norris et al. reference lists its publication date as June 11, 1998.
- 4. Prior to June 11, 1998, and thus necessarily before the publication date of the Norris et al. reference, James S. Norris, Michael G. Schmidt, Brian D. Hoel, Wei-Hua Pan, Joseph W. Dolan, and I worked together in this country to complete the conception of the invention recited in present claims 39, 43-48, 50-51, and 53-55 of the above-referenced patent application, and to reduce said invention to practice, as evidenced by a copy of pages from Ping Xin's laboratory notebook and pages from Shani Schalles' laboratory notebook, each produced under my supervision, which is attached as Exhibit A. The pages include multiple examples of pCHOP sequences. The dates on these pages, all of which are prior to June 11, 1998, have been blacked out.

Attorney's Docket No.: 14017-004002 / PSU 96-Applicant: James S. Norris et al. 1566

Serial No.: 10/082,973

Filed : February 26, 2002

Page : 2 of 2

5. I hereby declare that all statements made herein of my knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

JUNE 11, 2007

Date

Houy A. Ch Gary A. Clawson

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: James S. Norris et al. Art Unit: 1633

Serial No.: 10/082,973 Examiner: Janet L. Epps-Ford

Filed : February 26, 2002 Conf. No. : 8113

Title : TISSUE-SPECIFIC AND TARGET RNA-SPECIFIC RIBOZYMES

Mail Stop Amendment

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

DECLARATION OF MICHAEL G. SCHMIDT UNDER 37 C.F.R. § 1.131

- I, Michael G. Schmidt, hereby declare as follows:
- 1. I am an inventor of currently pending claims 39-55 of the above-referenced patent application.
- 2. In an Office Action dated January 11, 2007, claims 39, 43-48, 50-51, and 53-55 were rejected under 35 U.S.C. § 102(a) as allegedly being anticipated by Norris *et al*. (WO98/24925).
 - 3. The Norris *et al.* reference lists its publication date as June 11, 1998.
- 4. Prior to June 11, 1998, and thus necessarily before the publication date of the Norris et al. reference, James S. Norris, Gary A. Clawson, Brian D. Hoel, Wei-Hua Pan, Joseph W. Dolan, and 1 worked together in this country to complete the conception of the invention recited in present claims 39, 43-48, 50-51, and 53-55 of the above-referenced patent application, and to reduce said invention to practice, as evidenced by a copy of pages from Ping Xin's laboratory notebook and pages from Shani Schalles' laboratory notebook, each produced under Gary A. Clawson's supervision, which is attached as Exhibit A. The pages include multiple examples of pCHOP sequences. The dates on these pages, all of which are prior to June 11, 1998, have been blacked out.

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Date

Michael G. Schmidt

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Dr Schmidt's signature page.doc

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: James S. Norris et al. Art Unit: 1633

Serial No.: 10/082,973 Examiner: Janet L. Epps-Ford

Filed: February 26, 2002 Conf. No.: 8113

Title : TJSSUE-SPECIFIC AND TARGET RNA-SPECIFIC RIBOZYMES

Mail Stop Amendment

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

DECLARATION OF BRIAN D. HOEL UNDER 37 C.F.R. § 1.131

I, Brian D. Hoel, hereby declare as follows:

- 1. I am an inventor of currently pending claims 39-55 of the above-referenced patent application.
- 2. In an Office Action dated January 11, 2007, claims 39, 43-48, 50-51, and 53-55 were rejected under 35 U.S.C. § 102(a) as allegedly being anticipated by Norris *et al.* (WO98/24925).
 - 3. The Norris *et al.* reference lists its publication date as June 11, 1998.
- 4. Prior to June 11, 1998, and thus necessarily before the publication date of the Norris *et al.* reference, James S. Norris, Michael G. Schmidt, Gary A. Clawson, Wei-Hua Pan, Joseph W. Dolan, and I worked together in this country to complete the conception of the invention recited in present claims 39, 43-48, 50-51, and 53-55 of the above-referenced patent application, and to reduce said invention to practice, as evidenced by a copy of pages from Ping Xin's laboratory notebook and pages from Shani Schalles' laboratory notebook, each produced under Gary A. Clawson's supervision, which is attached as Exhibit A. The pages include multiple examples of pCHOP sequences. The dates on these pages, all of which are prior to June 11, 1998, have been blacked out.

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Date

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June 10 107

Brian D. Hoel

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: James S. Norris et al. Art Unit: 1633

Serial No.: 10/082,973 Examiner: Janet L. Epps-Ford

Filed: February 26, 2002 Conf. No.: 8113

Title : TISSUE-SPECIFIC AND TARGET RNA-SPECIFIC RIBOZYMES

Mail Stop Amendment

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

DECLARATION OF WEI-HUA PAN UNDER 37 C.F.R. § 1.131

1, Wei-Hua Pan, hereby declare as follows:

- 1. I am an inventor of currently pending claims 39-55 of the above-referenced patent application.
- 2. In an Office Action dated January 11, 2007, claims 39, 43-48, 50-51, and 53-55 were rejected under 35 U.S.C. § 102(a) as allegedly being anticipated by Norris *et al.* (WO98/24925).
 - 3. The Norris et al. reference lists its publication date as June 11, 1998.
- 4. Prior to June 11, 1998, and thus necessarily before the publication date of the Norris et al. reference, James S. Norris, Michael G. Schmidt, Brian D. Hoel, Gary A. Clawson, Joseph W. Dolan, and I worked together in this country to complete the conception of the invention recited in present claims 39, 43-48, 50-51, and 53-55 of the above-referenced patent application, and to reduce said invention to practice, as evidenced by a copy of pages from Ping Xin's laboratory notebook and pages from Shani Schalles' laboratory notebook, each produced under Gary A. Clawson's supervision, which is attached as Exhibit A. The pages include multiple examples of pCHOP sequences. The dates on these pages, all of which are prior to June 11, 1998, have been blacked out.

5.	I hereby declare that all statements made herein of my knowledge are true and
that all state	ements made on information and belief are believed to be true; and further that these
statements	were made with the knowledge that willful false statements and the like so made are
punishable	by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States
Code and th	nat such willful false statements may jeopardize the validity of the application or any
patents issu	ed thereon.

Date

Wei-Hua Pan

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PAGE 62/93

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : James S. Norris et al.

Art Unit : 1633

Scrial No.: 10/082,973

Examiner: Janet L. Epps-Ford

Filed

: February 26, 2002

Conf. No.: 8113

Title

: TISSUE-SPECIFIC AND TARGET RNA-SPECIFIC RIBOZYMES

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

DECLARATION OF JOSEPH W. DOLAN UNDER 37 C.F.R. § 1.131

I, Joseph W. Dolan, hereby declare as follows:

- I am an inventor of ourrently pending claims 39-55 of the above-referenced patent ١. application.
- 2. In an Office Action dated January 11, 2007, claims 39, 43-48, 50-51, and 53-55 were rejected under 35 U.S.C. § 102(a) at allegedly being anticipated by Nortis et al. (WO98/24925).
 - 3, The Norris et al., reference lists its publication date as June 11, 1998.
- Prior to June 11, 1998, and thus necessarily before the publication date of the 4. Nortis et al. reference, James S. Norris, Michael G. Schmidt, Brian D. Hoel, Wei-Hua Pan, Gary A. Clawson, and I worked together in this country to complete the conception of the invention recited in present claims 39, 43-48, 50-51, and 53-55 of the above-referenced patent application, and to reduce said invention to practice, as evidenced by a copy of pages from Ping Xin's laboratory notebook and pages from Shani Schalles' laboratory notebook, each produced under Gary A. Clawson's supervision, which is attached as Exhibit A. The pages include multiple examples of pCHOP sequences. The dates on these pages, all of which are prior to June 11, 1998, have been blacked out.

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PAGE 03/83

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5. I hereby declare that all statements made herein of my knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that wiliful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

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Data Collection

Tile: 19.6C383 ample: 6C383

Comment:

Lane Number: 19 Charnel Number: 100 Number of Scans: 11812 Length: 898

Rum started at: Rum stopped at: 12:49 22:49

Gel:

Gel File

Dyeset/Primer: DT4%Ac(A Set-AnyPrimer)
Comb: 36-well sharks-tooth

Instrument Name: 377 Collect Vers.: N/A

Data Analysis

Base Call Start: 1323
Base Call End: 11812
Primer Peak Loc::1323

Signal: G (354), A (393), T (181), C (274)

Matrix Name: Rhodamine

Channels Ave.:

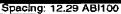
Analysis Vers.: Version 2.1.1 Base Spacing: 12.29 - ABI100

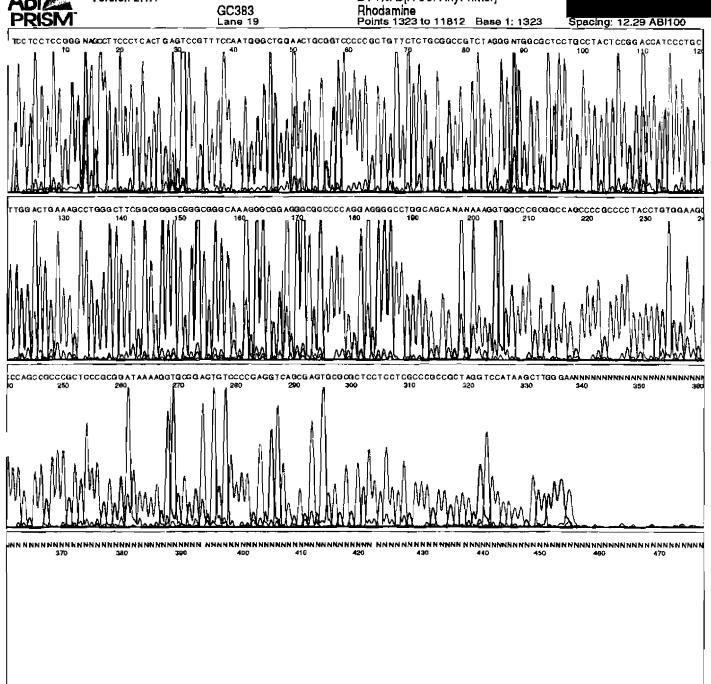
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1	TCCTCCTCCG	GGNAGCCTTC	CCTCACTGAG	TCCGTTTCCA	ATGGGCTGGA	ACTOCOGICC	CCCGCTGTTC	70
71	TCTGCGGCCG	TCTAGGGNTG	GCCCICCICC	CTACTCCGGA	CCATCCCTGC	TTGGACTGAA	AGCCTGGGCT	140
141	TCGGCGGGGC	GGGCGGCAA	AGGGCGGAGG	GCGGCCCCAG	GAGGGGCCTG	GCAGCANANA	AAGGTGGCCC	210
211	GCGGCCAGCC	CCCCCCTAC	CIGIGGAAGC	CCAGCCGCCC	GCTCCCGCGG	ATAAAAGGIG	CGGAGIGICC	280
281	CCGAGGTCAG	CGAGTGCGCG	CTCCTCCTCG	CCCGCCGCTA	GGTCCATAAG	CTTGGGAANN	MANAMANAMA	350
351	NAMANANAN	NAVANAVANAVAN	NAMANANANAN	MANAMAN	NAMANANAN	MANAMANANA	NAMANANANA	420
421	MANAMAN	WWWWWWW	VANAMANANA	NAMANANAN	NAMANANAN	NVINININININ	VANDAMANA	490
491	MANAMANAN	VINNA PARAMA	MANAMANANA	MANAMANAN	VALVALANIA	WWWWWW	VANDAMINANIA	560
561	MANAMANAN	VANAMANAMAN	NAVANAVANAVA	MANAMANA	VANDANAMANA	MANAMANAMA	MANAMANAM	630
631	MANAMANANA	VANAMANA MARANA	VANDAMANAMA	NNANANANA	NAVANAVANA N	VANDAMANIA	NEVER VERVE VE	700
701	MANAMAN	WWWWWWW		${\bf NNNNNNNNN}$	VICENTALISM	NAMES AND SOLD OF SOL	WWWWWW	770
771	NAMANANAN	VANDAMANANA M	NANANANAN	NAMANANAN	VANAMANANA	NAVANAVANAVANA	MANAMANA	840
841	NAVANAVANA	VIVIANIANI	NAMANANAN		MANAMANAN	MANAMAN		910

19•GC383

Signal G:354 A:393 T:181 C:274 DT4%Ac{A Set-AnyPrimer} Rhodamine Points 1323 to 11812 Base 1: 1323

Page 2 of 3







Model 377 Version 2.1.1

19-GC383

Signal G:354 A:393 T:181 C:274 DT4%Ac{A Set-AnyPrimer} Rhodamine Points 1323 to 11812 Base 1: 1323

Page 3 of 3

ADI/ PRIS	<u> </u>			GC383 Lane 19		Rhodar	nine 1323 to 11812	•			
<u>PKR</u>	<u> </u>			Lane 19		Points 1	1323 to 11812	Base 1:	1323	Spacing: 12.	29 ABI100
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le: 03-00387 GC387 .mple:

Comment:

Lane Number: Channel Number: 31 Number of Scans: 11812 Length: 904

Run started at: 15:44 Run stopped at: 01:44

Gel: Gel File

Dyeset/Primer: DT (BD Set Any-Primer) 36-well sharks-tooth Comb:

Instrument Name: 377 Collect Vers.:

Data Analysis

Base Call Start: 1246 Base Call End: 11812 Primer Peak Loc.: 1246

Signal: G (463), A (365), T (294), C (482)

Matrix Name: dRhodamine

Channels Ave.:

Analysis Vers.: Version 2.1.1 Base Spacing: 11.85 - ABI100

1	CCCAGCTTTT	AGGIGACACT	ATAGAATAÇT	CAAGCTATGC	ATCAAGCTTT	GGAACCCTGA	TGAGICCGIG	70
71	ACGAÇGAAAC	CATGACATIC	TGCTGACCAG	ATTCACGGTC	AGCAGAATGT	CATCGTCGGT	TCCAGGATCC	140
141	TIGCCIGAAT	TCCAAGGGTC	TGCGCAACGA	CCACCATGAG	GUACCACATC	GICGICGITG	CCCACTGATC	210
211	AGGCCGTGAG	GCCGAAACCC	TIGACGCGIT	CCTATGCGGC	CGCTCTAGAG	GGCCCAATTC	GCCCTATAGT	280
281	GAGTCGTATT	ACAATTCACT	GGCCGTCGTT	TTACAACGIC	GIGACIGGGA	AAACCCTGGC	GITTACCCAAC	350
351	TTAATCGCCT	TCCACCACAT	CCCCCTTTCG	CCAGCTGGCG	TAATAGCGAA	GAGGCCCGCA	CCGATCGCCC	420
421	TICCCAACAG	TTGCGCAGCC	TGAATGGCGA	ATGGACGCGC	CCTGTAGCGG	CGCATTAAGC	GCGGCGGGTG	490
491	TGGTGGTTAC	GCGCAGCGTG	ACCGCTACAC	TTGCCAGCGC	CCTAGCGCCC	GCTCCTTTCG	CITICITCCC	560
561	TTCCTTTCTC	GCCACGTTCG	CCGGCTTTCC	CCGTCAAGCT	CTAAATCGGG	GGCTCCCTTT	AGGGTTCCGA	630
631	TTTAATCCTT	TACGGGACCT	TCGACCCCAA	AAAACTTGAT	TAGGGIGATG	GTICACGIAA	TGGGCCATTG	700
701	NCCIGATAGA	CGGTTTTTCG	CCCTTTGACG	TITICGAAGIC	CACGITCITI	AATAAGIGGA	CICITGITCC	770
771	AAACTGGAAC	AACCACTTAA	.CCCTTATCTT	GGGGCTATTC	NITIGGATIT	TATNANGGGA	TTTTGCCCGA	840
841	TITINNGCCC	TATTIGGGIT	AAAAAAATGA	ANCIGGNITT	TAACCAAAAA	TTTTAACCGC	CNAA	910

Chappers Right: Save.

Signal G:149 A:117 T:103 C:116 DT {BD Set Any-Primer}

Page 1 of 3 8:46 AM

Data Collection

ile: 26-GC446 Lample: GC446

Comment:

Lane Number: 26 . Channel Number: 128 Number of Scans: 12992 Length: 1057

Rum started at: 16:55 Rum stopped at: 03:56

Cel:

: Gel File

Dyeset/Primer: DT (BD Set Any-Primer)
Comb: 36-well sharks-tooth

Instrument Name: 377 Collect Vers.: N/A

Data Analysis

Base Call Start: 1362 Base Call End: 12992 Primer Peak Loc::1362

Signal: G (149), A (117), T (103), C (116)

Matrix Name: dRhodamine

Charmels Ave.: 3

Analysis Vers.: Version 2.1.1 Base Spacing: 12.23 - ABI100

Yb. 3

		•						
1	GACGGCCAGT	GAATIGIAAT	ACGACTCACT	ATAGGGCGAA	TIGGGCCCIC	TAGAGCGGCC	GCATAGGAAC	70
71	GCGTCAAGGG	TTTCGGCCTC	ACGGCCTCAT	CAGIGCGCAA	${\tt CGACGACGAT}$	GTGGTACCTC	ATCCTCCTCC	140
_√ 141	TTGCGCAÇAC	CCTTGGAATT	CAGGCAAGGA	TCCTGGAACC	ÇACGATGACA	TICIGCIGAC	CGIGAATCIG	210
211	GTCAGCAGAA	TGTCATCGTT	TOGICCTCAC	GGACTCATCA	GGGITCCAAA	GCTTGATGCA	TAGCTTGAGT	280
281	ATTCTATAGE	GICACCTAAA	TAGCTTGGCG	TAATCATGGT	CATAGCIGIT	TCCIGIGIGA	AATTGTTATC	350
351	CGCTCACAAT	TCCACACAAC	ATACGAGCCG	GAAGCATAAA	GIGIAAAGCC	TGGGGIGCCT	AATGAGTGAG	420
421	CTAACTCACA	TTAATIGCGT	TGCGCTCACT	GCCCGCTTTC	CAGTCGGGAA	ACCIGICGIG	CCAGCTGCAT	490
491	TAATGAATCG	GCCAACGCGC	GGGGAGAGGC	GGTTTGCGTA	TIGGGCGCTC	TICCGCTICC	TCGCTCACTG	560
561	ACTOGCTGCG	CICCGTCGTT	CGGCTGCGGC	GAGCGGIATC	AGCTCACTCA	AAGGCGGTAA	TACCGGITAT	630
631	CCACAGAATC	AGGGGGATAA	CGCAAGGAAA	GAACATGIGA	AGCAAAAAGG	CCAAGCCAAA	AGGCCCAGGA	700
701	ACCGTAAAAA	AGGCCCGCGT	TGCTTGGCGT	TTTTCCATAN	GNITCCGNCC	CCCTTGGACG	AAGCATTACA	77 0
-771	AAAAATCGAC	GCTTAAAGTC	AANAAGGIIG	GCCGAAAAACC	CCGACAAGGA	CITNITAAAA	GATACCCAAG	840
841	GCCGTTTTINC	CCCCCTTGGG	AAAGCNITCC	CTINGTGGCG	CITCTICCIT	GGTTINCCGAA	ACCCTTGGCC	910
911	CGGTTTAACC	CGGGATTACC	CIGGINCCGG	CNITTINITC	CCTTTTCCCC	AAANCCTTTG	CCNCNCTTTT	980
981	CITINNATTAG	NNTTAACGCN	TGTAAGGGNN	ATICTIMAT	TICGGGNGIT	AAGGICCGIT	CNGNITICCA	1050
1051	AANCTOC					-		1120

dG-Chop/FCRI

V1. V.

#9

19•GC432

Signal G:134 A:105 T:95 C:106 DT (BD Set Any-Primer)

Page 1 of 3 9:02 At

PKISIVI Data Collection

File: 19•GC432 ample: GC432

Comment:

Tame Number: 19
Charmel Number: 99
Number of Scans: 12992
Length: 1045

Run started at: Run stopped at:

15:25 02:26 Gel File

Gel:

Dyeset/Primer: DT (BD Set Any-Primer)
Comb: 36-well sharks-tooth

Instrument Name: 377 Collect Vers.: N/A

Data Analysis

Base Call Start: 1304
Base Call End: 12992
Primer Peak Loc.:1304

Signal: G (134), A (105), T (95), C (106)

Matrix Name: dRhodamine

Channels Ave.: 3

Analysis Vers.: Version 2.1.1 Base Spacing: 12.06 - ABI100

Hinzi

1	CAGAAAGAAG	AACTCACACA	CAGCTAGCGT	TTAAACTTAA	GCTTTGGAAC	CCTGATGAGT	CCGTGAGGAC	70
71	GAAAÇGATGA	CATTCTGCTG	ACCAGATTCA	CGGTCAGCAG	AATGTCATCG	TCGGTTCCAG	GATCCTTGCC	140
141	TGAATTCCAA	GGGICIGCGC	AACCAÇGACG	ATGAGGTACC	ACATCGTCGT	CGTTGCGCAC	TGATGAGGCC	210
211	GTGAGGCCGA	AACCCTTGAC	CCCTTCCTAT	CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC	TAGAGGGCCC	GITTAAACCC	GCTGATCAGC	280
281	CICGACIGIG	CCTTCTAGIT	GCCAGCCATC	TGTTCTTTGC	COCTCCCCCG	TGCCTTCCTT	GACCCTGGAA	350
351	GGTGCCACTC	CCACTGTCCT	TICCIAATAA	AATGAGGAAA	TTGCATCGCA	TIGICIGAGI	AGGIGICATT	420
421	CTATICIGGG	GGGIGGGGIG	GGGCAGGACA	GCAAGGGGGA	GGATTGGGAA	GACANIMINI	NGNNIGCIGG	490
491	CCATCONNCN	GGGNINIATG	GVITIVIGAGG	CNINGAAAGAA	CCANTGGGGN	TINNGGGGGN	NINCNNACNN	560
561	CINCIGNIN	GGNNUNINN A	CINCCCCCCINCC	NNGNNGNGON	NINGNGCAGN	GACCACCANIN	NNINGGNN	630
631	GNONNINTAG	NATANANAN	INNICATION	NNINNNINNC	TENNINGHM	NENNIGNING	GCNITINNNON	700
701	GNNNEGNIN	NWWWW	NGGGNNNNN	TNINGGONN	$\mathbf{NMMMMMMM}$	NNONNNNN	WWWWWW	770
771	MMMMMM	WWWWWW	MANNAM	MMMMMM	$\mathbf{MMMMMMMM}$	MMMMMM	WWWWWWWW	840
841	NMMMMM	TIMINIMININ	MANAMANA	NNNNINNNN	NINANININININ	NNNNUNNN	CNNAMNANN	910
911	<i>MMMMMM</i>	NINNNNN		MMMMMM	MANAMAMA	MMMMMM	MANAMAN	980
981	MMMMMM	MANAMANINAN	NENNMANIAN	MANAMAN	MANAMANA	MANAMANAN	NININCC	1050

PIND/Chop

Right !

Sime:

ection

`ile: 17-GC430 mple: GC430

Comment:

Lane Number: 17 Channel Number: 90 Number of Scans: 12992 1057 Length:

Run started at: Run stopped at: 15:25 02:26

Gel:

Gel File

Dyeset/Primer: DT (BD Set Any-Primer) Comb: 36-well sharks-tooth

Instrument Name: 377 Collect Vers.: N/A

Data Analysis

Base Call Start: 1267 Base Call End: 12992 Primer Peak Loc.:1267

G (275), A (261), T (228), C (256) Signal:

Matrix Name: dRhodamine

Channels Ave.: 3

Analysis Vers.: Version 2.1.1 Base Spacing: 11.93 - ABI100

1	CCCACCITTE AGGEGACACE ATAGAAFACE CAAGCIAGC ATCAAGCITE GCAACCCIGA TGAGICCGIG	70
71	ACCACCAAAC CATCACATTC TCCTCACCAG ATTCACCGTC ACCACAATGT CATCGTCCGCT TCCACCATCC	140
141	TICAAAGACT AATCAGICOG TGÁGGACGAG ACGAGGATCG AATTCCAAGG GICIGCGCAA CGACGACGAT	210
211	GAGGIACCAC ATOGICGICG TIGOGCACTG ATGAGGCCGI GAGGCCGAAA CCCTIGACGC GITCCTATICC	280
281	GGCCGCTCTA GAGGGCCCAA TICGCCCTAT AGIGAGICGT ATTACAATIC ACTGGCCGIC GTTTTACAAC	350
351	GIOGIGACIG GCAAAACCCI GOOGITACCC AACITIANICG CCITGCAGCA CATCOCCCIT TOGCCAGCIG	420
42 1	GOSTANTAGO GAAGAGGOOO GOACOGATIOG COCTITOCOAA CAGITIGOGOA GOOTGAATIGG CGAATIGGACG	490
491	OGCCCTGTAG CGCCCCATTA ACCCCGCGG GTGTGGTGGT TACGCGCAGC GTGACCGCTA CACTTGCCAG	560
561	OGCCTAGCG CCCCCTCCTT TCCCTTTCTT CCCTTCCTTT CTCGCCACGT TCCCCGGCTAA	630
631	ACCICIAAAI CGGGGGCTIC CCITTAGGGT TCCGATTIAG TCCITTACGG CACCICGACC CCAAAAAACT	700
701	TCATTAGGGT CATGGTTCAC GTAGTGGGCC ATMGGCCCTG ATAGACGGTT TTTTCGGCCCT TTGACGTTGG	770
771	AAGINCACGI TICTITIAAT AAGIGGGACI TCTTGGITTC CAAAACTIGG GAACCAACCA CITTAAACCC	84 0
841	THATTINITIEG GEOCHATTIC THITTICCATT TAATHAAGGG GAATTITTIEG COCAATTICN GENOCITINIT	910
911	GGGTINAAAA AAAATGCAGC TTGCATTTTA ANCAAAAATT TTTAACCGCG NAAATTTTTA ANCCAAAANT	980
981	TTAAGGGGGC NCCAAGGGGG CITGCIINAA NGGGAAAACC GGGAACCCCG TITGAAAAGG CCCANINCON	1050
1051	CAAAAAA	1120

pCRIL/Chop-PolI-in. Right!

Signal G:259 A:240 T:213 C:240 DT (BD Set Any-Primer)

Page 1 of 3 8:59 At

PRISM Data Collection

File: 07-GC420 mple: GC420

Comment:

Lame Number: 7
Channel Number: 45
Number of Scans: 12992
Length: 1066

Run started at: 15:25 Run stopped at: 02:26

Gel: Gel File

Dyeset/Primer: DT (BD Set Any-Primer)
Comb: 36-well sharks-tooth

Instrument Name: 377 Collect Vers.: N/A

Data Analysis

Base Call Start: 1265 Base Call End: 12992 Primer Peak Loc::1265

Signal: G (259), A (240), T (213), C (240)

Matrix Name: dRhodamine

Channels Ave.: 3

Analysis Vers.: Version 2.1.1 Base Spacing: 12.01 - ABI100

1	COCCAGCITAT TITAGGIGACA CITATAGAATA CICAAGCITAT GCATCAAGCI TITGGAACCCI GATGAGICCG	70
71	TCAGGACGAA ACGATGACAT TCTGCTGACC AGATTCACGG TCAGCAGAAT GTCATCGTCG GTTCCAGGAT	140
141	OCTOCTICTIC TAATGAGICC GIGAGGACGA GACCOCCTGA GAATTICCAAG GGICTGCOCA ACGACGACGA	210
211	TGAGGIACCA CATCGICGIC GITGCGCACT GATGAGGCCG TGAGGCCGAA ACCCTIGACG CGITCCTATG	280
281	COCCOCCICT ACACGGCCCA ATTICCCCCTA TAGTCAGTCG TATTACAATT CACTGCCCGT CGTTTTACAA	350
351	OGROGICACT GOGAAAACCC TGGCGITIACC CAACTTAATC GCCTTGCAGC ACATCCCCCT TTCGCCAGCT	420
421	GOCGUAATAG CGAAGAGGCC CGCACCGATIC GCCCTTCCCA ACAGUTGCGC AGCCTGAATG GCGAATIGGAC	490
491	GCGCCCTGTA GCGCCGCATT AAGCGCGCCG GGTGTGGTGG TTACGCGCAG CGTGACCGCT ACACTTGCCA	560
561	GOGOCCIAGO GOCCGOTOCI TICGOFFICE TOCCCITCCIT TOTOGOCACG TICGOCGGOT TICCCOGICA	630
631	AGCICIAAAT COCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC	700
701	TIGATTAGGG GICATGGITC ACGIAAGIGG GNCATIGGCC CIGATAGACG GITTITITICGG CCCTTIGACG	<i>7</i> 70
771	TIGGAAGICC ACCOPTCITT TAATAGIGGA CICTIGGITC CNAACTIGGG AACCAACACT TTAAACCCIT	840
841	APPPINOSOC CHATTIONET INGAAPPTAT INANGOGAAT TITTIONCOGA TEPPICOGOG COCHATINGG	910
911	GITNAAAAAA ATGGAACTIN GATTTTAAAC CAAAAAANIT TNAACCGCCG AAATTTTTAA NCCAAAAATT	980
981	TCAAGGGGGC NCCAANGGGC NITGGITTAA AGGGCGAAACC GGGGAAACCC CGITTINAAAA AGGCCCAATT	1050
1051	CCCCNNAAAA AAACCG	1120

PCRI/Chop-Ba-m. right!

Data Collection

Tile: 0: Ample: G

09 • GC422 GC422

Connent:

Lane Number: 9
Channel Number: 53
Number of Scans: 12992
Length: 1069

Run started at: Run stopped at: 15:25 02:26

Kun stoppen at: Gel:

Gel File

Dyeset/Primer: DT (BD Set Any~Primer)
Comb: 36-well sharks-tooth

Instrument Name: 377 Collect Vers.: N/A

Data Analysis

Base Call Start: 1265
Base Call End: 12992
Primer Peak Loc::1265

Signal: G (231), A (216), T (193), C (223)

Matrix Name: dRhodamine

Channels Ave.: 3

Analysis Vers.: Version 2.1.1 Base Spacing: 12.01 - ABI100

1	CGCCAGCTAT	TTAGGIGACA	CTATAGAATA	CICAACCIAT	GCATCAAGCT	TIGGAACCCT	CATCACTCCC	70
71	TGAGGACGAA	ACGATGACAT	TCTGCTGACC	AGATTCACGG	TCAGCAGAAT	GICATCGICG	GITCCAGGAT	140
141	CCTCGAAGCT	GICIGAIGAG	TCCGIGAGGA	CGAAACCCCCC	TICAGAATIC	CAAGGGICTG	CGCAACGACG	210
211	ACGATGAGGT	ACCACATOGT	CGTCGTTGCG	CACTGATGAG	GCCGTGAGGC	CGAAACCCTT	GACGCGTTCC	280
281	TATGCGGCCG	CICIAGAGGG	CCCAATTCGC	CCTATAGIGA	GICGTATTAC	AATTCACTGG	CCGICGITIT	350
351	ACAACGICGI	GACTGGGAAA	ACCCIGGCGT	TACCCAACIT	AATCCCCTTG	CAGCACATCC	CCCTTTCGCC	420
421	AGCTGGCGEA	ATAGCGAAGA	GGCCCGCACC	GATCGCCCTT	CCCAACAGIT	GCGCAGCCTG	AATGCCCAAT	490
491	GGACGCGCCC	TGTAGCGGCG	CATTAAGCGC	GGCGGGTGTG	GIGGITACGC	GCAGCGTGAC	CGCTACACTT	560
561	GCCAGCGCCC	TAGCGCCCCCC	TCCTTTCGCT	TICITCCCTT	CCTTTCTCGC	CACGITCGCC	GGCTTTCCCCC	630
631	GICAAAGCIC	TAAATCGGGG	$\tt GCTCCCTTTA$	NGGITCCGAT	TEAATGCTTT	ACCONACCIT	GACCCCAAAA	700
701	AACTIGATIA	GGGTGATGGG	TTCACGITAG	TGGGCCATCG	CCCTGATAGA	CGGITTTTCG	GCCTTTTGAC	770
771	GITTGGAAGT	CCACGITCIT	TIAAATAGTG	GACTCTTGGT	TCCAAAACTT	GGGAACCAAC	CACTITAAAC	840
841	CCCTTATINI	TNGGGCTAAT	TCCTTTTIGG	AATTTATTAA	NGGGAATTTT	TGGCCGATTT	TONGGGCCTA	910
911	TTTGGGGTTA	AAAAAAATGG	AAGCTTGGAT	TITTAANCCA	TTTTAAAAAA	TAACCGCCGA	AATTTTTAA	980
981	CCCAAAAATT	TCAAGGGGCC	CONTARGOCCC	NITGNITTAA	AGGGNAAAAC	CGGGAACCCC	CTTINNAAAA	1050
1051	AGGCCCAGIT	NCCCCNANT						1120

pCRI/Chop-C3

Right:

ile: 10 · GC423 .ample: GC423

Conment:

Lane Number: 10 Channel Number: 58 Number of Scans: 12992 Length: 1058

Run started at: Rum stopped at: 15:25 02:26

Gel:

Gel File

Dyeset/Primer: DT (BD Set Any-Primer) Canb: 36-well sharks-tooth

Instrument Name: 377 Collect Vers.:

Data Analysis

Base Call Start: 1292 Base Call End: 12992 Primer Peak Loc.:1292

Signal: G (219), A (202), T (185), C (202)

Maturix Name: dRhodamine

Channels Ave.:

Analysis Vers.: Version 2.1.1 Base Spacing: 12.02 - ABI100

		•					•	
1	CCAGCIATIT	AGGIGACACT	ATAGAATACT	CAAGCTATGC	ATCAAGCTTT	GGAACCCIGA	TCACTCCCTC	70
71	AGGACGAAAC	GATGACATTC	TGCTGACCAG	ATTCACGGTC	AGCAGAATGT	CATCGICGGI	TCCAGGATCC	140
141	TCGAAGCTGT	CIGATGAGIC	CGTGAGGACG	AAACCGCGTT	GAGAATTCCA	AGGGTCTGCG	CAACGACGAC	210
211	GATGAGGTAC	CACATCGTCG	TCGTTGCGCA	CTGATGAGGC	CGTGAGGCCG	AAACCCTTGA	CGCGTTCCTA	280
281	TGCGGCCGCT	CTAGAGGGCC	CAATTCGCCC	TATAGIGAGI	CGTATTACAA	TTCACTGGCC	GICGITTTAC	350
351	AACGICCICA	CTGGGAAAAC	CCTGGCGITIA	CCCAACTTAA	TCGCCTTGCA	GCACATCCCC	CTTTCGCCAG	420
421	CTGGCGTAAT	ACCCAACACG	CCCGCACCGA	TOSCOCTION	CAACAGITIGC	GCAGCCTGAA	TGGCGAATGG	490
491	ACGCGCCCTG	TAGCGGCGCA	TTAAGCGCGG	CGGGIGIGGT	GGTTACGCGC	AGCGTGAECG	CTACACTTGC	560
561	CAGCGCCCTA	GCGCCCGCTC	CITICGCITT	CTTCCCTTCC	TTTCTCGCCA	CGTTCGCCGG	CITICCCCCT	630
631	CAAGCTCTAA	ATCGGGGGCT	TCCTTTAGGG	TICCGATTIA	GIGCTITACG	GNACCINGAC	CCCAAAAAAC	700
701	TTGATTAGGG	TGATGGTTCA	CGTAGTGGGC	CATTGGCCTG	ATAGAACGGT	TTTTTGGCCC	TTTTGACGIT	770
771	TGGAGTTCCA	ACGITCTITT	AATAGTGGAC	TICTTIGGIT	CCCAAACIGG	GAACCAACCA	CTTTAAACCC	840
841	TTATINITICG	GNCTTATTTC	CTTTTTCCAA	TITAATTAAG	GGGAATTITG	CCCCCATTTT	TCGGGGCCTT	910
911	TTINGGGIIN	AAAAAAAATG	GAGCTTGANT	TITAACCAAA	AAATTTTNAA	CCGCCGAAAN	TTTTTAACCA	980
981	AAAANITINA	GGGGGCCCCA	ANGGGGGCTTG	NITTAAAGGG	GAAACCCGGG	AACCCCCNTT	TAAAAAGCCC	1050
1051	AATTCCCC							1120

pCRI/chop-U3

Tile: 11.9C424 ample: GC424

Comment:

Lame Number: 11 Channel Number: 62 Number of Scans: 12992 Length: 1057

Run started at: Run stopped at: 15:25 02:26

Gel:

Gel File

Dyeset/Primer: DT (BD Set Any-Primer) Comb: 36-well sharks-tooth

Instrument Name: 377 Collect Vers.:

Data Analysis

Base Call Start: 1280 Base Call End: 12992 Primer Peak Loc.:1280

G (245), A (228), T (202), C (231) Signal:

dRhodamine Matrix Name:

Channels Ave.:

Analysis Vers.: Version 2.1.1 12.01 - ABI100 Base Spacing:

1	NCCAGCIATI TAGGIGACAC TATAGAATAC TCAAGCIATG CATCAAGCIT TGGAACCCIG ATGAGICCGT	70
71	GAGGACGAAA CGATGACATT CIGCIGACCA GAITCACGGI CAGCAGAATG TCATOGICGG TICCAGGATC	140
141	CICITOGACT CATGAGTOCG TGAGGACGAA ACATGGCTGA ATTCCAAGGG TCTGCGCAAC GACGACGATG	210
211	AGGTACCACA TCGTCGTCGT TCCGCACTCA TGAGGCCGIG AGGCCGAAAC CCTTGACGCG TTCCTATGCG	280
281	GCCGCTCTAG AGGGCCCAAT TCCCCCTATA GTGAGTCGTA TTACAATTCA CTGCCCGTCG TTTTACAACG	350
351	TOGTGACTGG GAAAACCCTG GOGTTACCCA ACTTAATCGC CTTGCAGCAC ATCCCCCTTT CGCCAGCTGG	420
421	CGIAATAGCG AACAGGCCCG CACCGATCGC CCTTCCCAAC AGITGCGCAG CCTCAATGCC GAATGCACGC	490
491	GCCCIGIAGC GGCGCAITAA GCGCGCGGGG TGIGGIGGIT ACGCGCAGCG TGACCGCIAC ACTIGCCAGC	560
561	GCCCTAGCGC CCGCCCCTTT CGCTTTCTTC CCCTCCTTTC TCGCCACGTT CGCCGGCTTT CCCCGTCAAG	630
631	CICIAAATCG GOGGCICCCI TTAGGGTTCC GATTTAGTGC TTTACGGGAC CINGACCCCA AAAAACTTGA	700
701	TTAGGGTGAA TGGTTCACGT AGINGGGCCA TTGCCCTTGA TANACGGTTT TTTCGCCCTT TGGACCTTTG	<i>7</i> 70
<i>7</i> 71	GAAGICCACG TEINITEAAT ACNOCACNET TIGGITCCAA AACTGGNACC AACNANITNA ACCCITATET	840
841	TGGGICIAAT TCCTTTGGCA ATTTATTAAG GGCATTTTTG GCCCGATTTT CGGGCCINI TGGGGTINAA	910
911	AAAAAATOGA ACCITGATIT INACCCAAAA AATITITIAAN CCGCGAAATT TITTAACCAA AAAITITANG	980
981	GGGCCCCAAA GGGGCCTTTG NITTAAAGGG GAAACCNGGG AACCCCTTTN AAAAAGGCCC TITICCCCNAA	1050
1051	AAAANCG	1120

pCRI/Ohop-cg

Pata Collection
File: 13.00426
mple: 90426

Comment:

Lane Number: 13 Charmel Number: 72 Number of Scans: 12992 Length: 1041

Run started at: Run stopped at: 15:25 02:26

Gel:

Gel File

Dyeset/Primer: DT (BD Set Any-Primer)
Comb: 36-well sharks-tooth

Instrument Name: 377 Collect Vers.: N/A

Data Analysis

Base Call Start: 1280 Base Call End: 12992 Primer Peak Loc::1280

Signal: G (288), A (270), T (244), C (265)

Matrix Name: dRhodamine

Channels Ave.: 3

Analysis Vers.: Version 2.1.1 Base Spacing: 12.02 ~ ABI100

1	CCAGCTATTT	AGGIGACACT	ATAGAATACT	CAAGCTATGC	ATCAAGCTTT	GGAACCCIGA	TGAGICCGIG	70
71	AGGACGAAAC	GATGACATTC	TOCTGACCAG	ATTCACGGIC	AGCAGAATGT	CATCGICGGI	TCCAGGATCC	140
141	TCTTCGACTA	ATGAGICCGI	GAGGACGAGA	CATGGCTGAA	TICCAAGGGI	CTGCGCAACG	ACGACGATGA	210
211	GGTACCACAT	CCTCCTCCTT	GCGCACTGAT	GAGGCCGTGA	GGCCGAAACC	CTICACCCCT	TCCTATGCGG	280
281	CCGCTCTAGA	GGGCCCAATT	CGCCCTATAG	TGAGTCGTAT	TACAATTCAC	TGGCCGTCGT	'ITTACAACGI'	350
351	CCTCACTCCC	AAAACCCTGG	CGTTACCCAA	CITAATCGCC	TIGCAGCACA	TCCCCCTTTC	CCCACCTCCC	420
421	GIAATAGCGA	AGAGGCCCCC	ACCCATCCCC	CITCCCAACA	GITGCGCAGC	CIGAAIGGCG	AATGGACGCG	490
491	CCCTGTAGCG	·GCGCATTAAG	CGCGGCGGGT	GIGGIGGITA	CGCGCAGCGI	GACCGCTACA	CTTGCCAGCG	560
561	CCCTAGCGCC	CCCTCCTTTC	GCTTTCTTCC	CITCCITICI	CGCCACGITC	GCCGGCTTTC	CCCGTCAAGC	630
631	TCTAAATCGG	GGGCTCCCTT	TAGGGITCCG	ATTTAGTGCT	TTACGGNACC	TCGACCCCAA	AAAACITGAT	700
701	TAGGGTGATG	GGTCACGTAG	TGGGCCATCG	CCCTTGATAG	ACCGITTITC	GGCCTTTGAC	GTTGGAAGIN	770
771	CACGITCITT	AATAGTGGAC	TICTICCITC	CAAACIGGGA	ACAACACTIN	AACCCITATC	TINGGNCTAT	840
841	TCTTTTTGAA	TITEATTITAAG	GGAATTITGC	CCGATTTTCC	GGGCCTATIN	GGGTTINAAAA	AAATGGAAGC	910
911	TIGANITITA	ACCAAAAAAT	TITTAACCGC	GGAAATTTTT	AACCAAAAAN	TTTCAAGGGG	CGCCAAGGGG	980
981	CITGCITTAA	AGGGGAANCC	GGGAACNINCC	TTTTNAAAAG	GCCCAGINCC	GCAANAAAAN	G	1050

pCRI/chop-C9-m Right.

Version 2.1.1

File: 15 · GC428 mple: GC428

Comment:

15 Lane Number: Channel Number: 81 Number of Scans: 12992 Length: 1079

Rum started at: Rum stopped at:

02:26

15:25

Gel: Gel File

Dyeset/Primer: DT (BD Set Any-Primer) 36-well sharks-tooth Camb:

Instrument Name: 377 Collect Vers.: N/A

Data Analysis

Base Call Start: 1268 12992 Base Call End: Primer Peak Loc.:1268

G (316), A (288), T (245), C (276) Signal:

Matrix Name: dRhodamine

Charmels Ave.:

Analysis Vers.: Version 2.1.1 Base Spacing: 12.01 - ABI100

1	CNCCAGCTAT	TTAGGTGACA	CTATACAATA	CICAAGCTAT	GCATCAAGCT	TIGGAACCCT	CATCACTCCC	70
71	TGAGGACGAA	ACGATGACAT	TCTGCTGACC	AGATTCACGG	TCAGCAGAAT	GTCATCGTCG	GTTCCAGGAT	1 4 0
141	CCTTCAAAGA	CIGATGAGIC	CGTGAGGACG	${\tt AAACGAGGA}{\rm T}$	CGAATICCAA	GCCTCTGCGC	AACGACGACG	210
211	ATGAGGTACC	ACATOGICGI	CGTTGCGCAC	${\tt TGATGAGGCC}$	GTGAGGCCGA	AACCCTTGAC	GCGITCCTAT	280
281	GCGGCCGCTC	TAGAGGGCCC	AATTCGCCCT	ATAGTGAGTC	GIATIACAAT	TCACTGGCCG	TCGTTTTACA	350
351	ACGTCGTGAC	TGGGAAAACC	CIGGCGITAC	CCAACTTAAT	CCCCTTCCAG	CACATCCCCC	TTTCGCCAGC	420
421	TGGCGTAATA	GCGAAGAGGC	CCGCACOGAT	CGCCCTTCCC	AACAGITGCG	CAGCCTGAAT	GGCGAATGGA	49 0
491	CCCCCCTGT	AGCGGCGCAT	TAAGCGCGGC	GGGTGTGGTG	GITACGCGCA	GCGIGACOGC	TACACTTCCC	560
561	AGCGCCCTAG	$\tt CCCCCCCCTCC$	TITCGCTTTC	TICCCITCCT	TICICGCCAC	GITCGCCGGC	TTTCCCCCGTC	630
631	AAGCTCTAAA	TCGGGGGCTC	CCTTTAGGGT	TCCGATTTAA	GTGCTTTACG	GNACCINGAC	CCCAAAAAAC	700
701	TIGATTAGGG	TGATGGGTTC	ACGTAATIGGG	CCATCGGCCI'	GATAGACGGG	TTTTTCGCCCC	TTTTGACGIT	770
771	GGAAGTTCCA	CGFITCTTTT	AATAGTGGGA	CTCTTTGGTT	CCAAAACTTG	GGAACCAACC	ACTITAAACC	840
841	CCTTATINIT	NGGCCTAAT	TCCTTTINGA	AATTAATTIA	GGGGAATTTT	TGGCCGAANT	TTCNCCCCT	910
911	TATTTGGGGT	TAAAAAAAAA	TGGAANCTTG	GATTITINAAC	CCAAAAAAAN	TTTTAAACCG	CGGAAAATTT	980
981	TTTAANCCAA	AAATTICAAN	GGGGCCNCCA	ANGGGGGCTT	GGTTINAAAG	GGGAAACCING	GNAACCCCCT	1050
1051	INNAAAAAGG	NCCAATINCC	CCCAAAAAA					1120

perI/chop-PolI

Right!

50.15%

PRISM ata Collection

 "ile:
 05•GC418

 imple:
 GC418

Connent:

Lane Number: 5 Charmel Number: 36 Number of Scans: 12992 Length: 1091

Run started at: Run stopped at: 15:25 02:26

Gel:

Gel File

Dyeset/Primer: DT Comb: 36

DT (BD Set Any-Primer) 36-well sharks-tooth

Instrument Name: 377 Collect Vers.: N/A

Data Analysis

Base Call Start: 1265 Base Call End: 12992 Primer Peak Loc.:1265

Signal: G (263), A (241), T (214), C (236)

Matrix Name: dRhodamine

Channels Ave.: 3

Xbal

Analysis Vers.: Version 2.1.1 Base Spacing: 12.00 - ABI100 Goo' Hind I

Bamy,

								_	1
	1	CNCCAGCTAT	TTAGGTGACA	CTATAGAATA	CICAAGCIAT	GCATCAAGCT	TIGGAACCCI	CATGAGTCCC	70
	71	TGAGGACGAA	ACCATGACAT	TCTGCTGACC	AGATTCACGG	TCAGCAGAAT	GICATOGICG	GITCCAGGAT	140
	141	<u>CCICCICCITC</u>	TGATGAGICC	GIGAGGACGA	AACCCCCTGA	GAATTCCAAG	GGTCTGCGCA	ACGACGACGA	210
	211	TGAGGTACCA	CATCGICGIC	GTTGCGCACT	CATCAGGCCG	TGAGGCCGAA	ACCCTTGACG	CGFTCCTATG	280
ı	281	CCCCCCTCT	_AGAGGGCCCA	ATTCGCCCTA	TAGIGAGICG	TATTACAATT	CACTGGCCGT	CGITTTACAA	350
1	351	CGICGIGACT	CCCAAAAACCCC	TOGCGITIACC	CAACTTAATC	GCCTTGCAGC	ACATOCCCCT	TICGCCAGCT	420
	421	GCCGTAATAG	CCAAGAGGCC	CGCACCGATC	GCCCTTCCCA	ACAGITICCCC	AGCCIGAATG	GCGAATGGAC	490
	491	GCGCCCTGTA	GCGGCGCATT	AAGCGCGGCG	GGIGIGGIGG	TTACGCGCAG	CGIGACCGCT	ACACTTGCCA	560
	561	GCGCCCTAGC	GCCCGCTCCT	TICGCITICI	TCCCTTCCTT	TCTCGCCACG	TICGCCGGCT	TIMOCOGICA	630
	631	AGCTCTAAAT	CGGGGGCTCC	TITAGGGITC	CCCATTTAAT	CCTTTACGGG	ACCITGACCC	CAAAAAACTT	700
	701	GATTAGGGTG	ATGGTTCACG	TAATGGGGCC	ATNGNCCTTG	ATAGACGGIT	TTTTQNCCTT	TIGACGITIG	770
	771	GNAGINCACC	GITICNITIN	AATAGIGGGA	CCINITGGIT	TCCCAAACIT	GCGAACCAAA	CAACITIAAA	840
	841	NCCCTTITIC	TITGGGGCCT	AATTCCTTTT	TGGANITITA	TINAAGGGGG	ATTTTTTGGC	CCGAATTITC	910
	911	NGGGCCITIT	TIGGGGITAA	AAAAAAATGG	GAGCTTGGGA	TTTTAACCCA	TTTTINAAAAA	TAACCCGCGG	980
	981	AATTTTTTA	ACCAAAAAAT	TICANGGGC	NCCCAAAGGG	$\mathbf{GGCTT}\mathbf{GN}\mathbf{T}\mathbf{T}$	TAAAGGGGAA	AACCGGGAAA	1050
	1051	CCCCCTTTTA	AAAAGGCCCC	ATTTCCCCCN	AAAAAAACCN	G			1120

pCRI/chop-B2

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